

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,940,916
APPLICATION NO. : 09/771,144
ISSUE DATE : September 6, 2005
INVENTOR(S) : Warner et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 2, line 8, please delete "J Roome," and insert - - J. Roome, - -, therefor.

At column 2, line 13, please delete "48," and insert - - 46, - -, therefor.

At column 5, line 32, please delete "x(t)y(t):" and insert - - $x(t) \otimes y(t)$: - -, therefor.

At column 5, line 32, please delete "“”" and insert - - " \otimes " - -, therefor.

At column 15, line 5-11, please delete

"z(t)=x(t)[ham(t)hcm(t) +hbm(t) +x*(t)[ham(t)hdm(t)+hbm(t)hcm*(t)]" and insert
 - - z(t)=x(t) [ham(t) hcm(t) +hbm(t) hdm*(t)]+x*(t) [ham(t) hdm(t)+hbm(t) hcm*(t)] - -,
 therefor.

At column 15, line 20, please delete "ham(t)hdm(t)+hbm(t)hcm*(t)=0" and insert

- - ham(t) hdm(t)+hbm(t) hcm*(t)=0 - -, therefor.

At column 15, line 34, please delete "ham(t)hcm(t)+hbm(t)hdm*(t)=δ(t)" and insert

- - ham(t) hcm(t)+hbm(t) hdm*(t)=δ(t) - -, therefor.

At column 15, line 55-64, please delete

$H_{cm}(\omega)+H_{bm}(\omega) \cdot H_{dm}^*$
 $(-\omega)+X^*(-\omega) \cdot [H_{am}$
 $(\omega) \cdot H_{dm}(\omega)+H_{bm}(\omega) \cdot$
 $H_{cm}^*(-\omega)]$ and insert - - $Z(\omega)=X(\omega) \cdot [H_{am}(\omega) \cdot H_{cm}(\omega)+H_{bm}(\omega) \cdot H_{dm}^*(-\omega)]$
 $+X^*(-\omega) \cdot [H_{am}(\omega) \cdot H_{dm}(\omega)+H_{bm}(\omega) \cdot H_{cm}^*(-\omega)]$ - -, therefor.

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Page 2 of 3

At column 19, line 22-32, please delete

$$z(t)=x(t)[h_{ad}(t)h_{cd}(t)+h_{bd}^*(t) \\ +x^*(t)[h_{ad}^*(t)h_{dd}(t)+h_{bd}(t)h_{cd}(i)]],” and insert - -$$

$$z(t) = x(t) \otimes [h_{ad}(t) \otimes h_{cd}(t) + h_{bd}^*(t) \otimes h_{dd}(t)] \\ + x^*(t)[h_{ad}^*(t) \otimes h_{dd}(t) + h_{bd}(t) \otimes h_{cd}(t)] - -, \text{therefor.}$$

At column 19, line 40, please delete

$$“h_{ad}^*(t)h_{dd}(t)+h_{bd}(t)h_{cd}(t)=0,” and insert \\ - - h_{ad}^*(t) \otimes h_{dd}(t) + h_{bd}(t) \otimes h_{cd}(t) = 0 - -, \text{therefor.}$$

At column 19, line 55-56, please delete

$$“h_{ad}(t)h_{cd}(t)+h_{bd}^*(t)h_{dd}(t)=\delta(t) \text{ Eq. 10},” and insert \\ - - h_{ad}(t) \otimes h_{cd}(t) + h_{bd}^*(t) \otimes h_{dd}(t) = \delta(t) \text{ Eq. 10} - -, \text{therefor.}$$

At column 22, line 38, please delete “1114.” and insert - - 114. - -, therefor.

At column 23, line 14, please delete “116” and insert - - 116, - -, therefor.

At column 27, line 63, please delete “1910” and insert - - 1910, - -, therefor.

At column 28, line 62-63, please delete “ $h_{iqd}(t)=\text{Im}[h_{cd}(t)+h_{dd}(t)]$,” and insert

$$- - h_{iqd}(t) = \text{Im}[h_{cd}(t) + h_{dd}(t)] = 0 - -, \text{therefor.}$$

At column 30, line 40, in Claim 2, please delete “sunning” and insert - - summing - -, therefore

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Page 3 of 3

At column 30, line 66, in Claim 3, please delete "quadrature phase" and insert - - quadrature-phase - -, therefor.

At column 32, line 17, in Claim 8, please delete "sunning" and insert - - summing - -, therefor.

At column 33, line 42, in Claim 16, please delete "signal" and insert - - signal, - -, therefor.

At column 34, line 2, in Claim 23, please delete "filter" and insert - - further - -, therefor.

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